AVERAGE WEEKLY ROOM USAGE IN CLASS LABORATORIES

TABLE 4

The assessment of class laboratories is often difficult because of the specialized nature of a class laboratory as well as its interrelationship with a particular course of instruction. Laboratories should be evaluated on use, requirements, cost of operation and relationships to other laboratories.

The average room hours of instruction in laboratories is the ratio of the total room hours of instruction per week to the total number of classes which are designated with a room type of "210" (laboratories). Total room hours is obtained by multiplying the class duration (amount of time a class meets per week or class length) by the number of days a class meets per week.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of class labs is 20 hours per week.

Average Room Hours = <u>Total Room Hours of Instruction in Labs</u>
Total Number of Labs

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE					
Mon.	13:00 – 16:00	17	210	1 day	*	3 hours	=	3
Tues.	13:30 – 16:30	14	210	1 day	*	3 hours	=	3
Mon./Wed./Fri.	9:00 – 10:00	25	210	3 days	*	1 hour	=	3
Mon./Wed./Fri.	10:00 – 11:00	35	210	3 days	*	1 hour	=	3
Tues./Thurs.	11:00 – 12:30	30	210	2 days	*	1.5 hr	=	3
Wed.	11:00 – 14:00	29	210	1 day	*	3 hours	=	3
Fri.	11:00 – 14:00	21	210	1 day	*	3 hours	=	3
Mon.	13:00 – 16:00	22	210	1 day	*	3 hours	=	3
Wed.	18:00 – 21:00	13	210	1 day	*	3 hours	=	3
Mon.	19:00 – 22:00	16	210	1 days	*	3 hours	=	3

```
                                                     ----
                                            TOTAL     30
```

The last two classes listed in the sample data start after 17:00 which is considered nighttime, so six

hours would be placed under "Nighttime". The remaining twenty-four hours would be placed under "Daytime". "Total Room Hours" would be thirty. The sample report uses 90 as the total number of rooms classified with a room type of "210" (laboratories).

```
 Total Room Hours of Instruction   =   30
-------------------------------------------      ----- = .33
Total Number of Class Laboratories =   90
```

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	24.00	6.00	.33

TABLE 4
AVERAGE WEEKLY ROOM USAGE
IN CLASS LABORATORIES

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTIME	ALL HOURS				
					2002	2001	2000	1999	1998
PUBLIC FOUR YEAR INSTITUTIONS									
LSU A&M (Including Ag. & Law)	29,452	2,558	2,276	283	15.1	14.3	12.6	12.7	14.1
University of Louisiana in Lafayette	13,706	950	827	123	9.5	9.0	9.2	9.9	10.7
Southeastern Louisiana University	12,877	950	906	44	16.0	15.8	13.0	19.9	21.1
University of New Orleans	12,811	631	555	76	9.4	8.5	8.5	8.5	9.5
Louisiana Tech University	9,950	889	822	67	6.3	5.0	4.8	10.7	13.6
Northwestern State University	8,473	1,172	823	349	10.1	9.8	9.6	10.8	10.2
Southern University A&M	8,409	865	767	98	7.3	6.9	8.3	**	8.2
University of Louisiana in Monroe	7,173	**	**	**	**	**	8.5	9.8	17.3
McNeese State University	6,982	847	733	115	10.8	10.0	11.0	11.8	9.3
Nicholls State University	6,077	699	642	58	8.3	8.4	6.9	9.1	10.3
Grambling State University	4,077	438	414	24	6.3	4.5	6.2	8.8	5.8
LSU in Shreveport	2,989	335	251	84	7.9	7.1	6.8	**	5.9
Southern University at New Orleans	2,737	359	218	141	5.7	6.1	7.5	7.1	7.1
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	9,765	1,602	1,163	440	15.5	**	13.5	15.0	16.0
Baton Rouge Community College	3,088	163	126	37	13.5	15.1	15.4	19.0	
LSU at Eunice	2,135	145	127	18	9.0	8.6	12.4	10.0	11.3
LSU at Alexandria	1,977	269	251	18	9.9	7.3	10.6	8.3	8.6
Southern University at Shreveport	1,507	172	131	41	7.8	7.1	6.8	5.1	5.0
Elaine P. Nunez Community College	1,488	**	**	**	**	17.7	17.0	**	**
River Parishes Community College	334	24	21	3	12.0	9.0	1.5		

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2002

HOURS OF INSTRUCTION

25
20
15
10
5
0

LSU A&M · ULL · Southeastern · UNO · La Tech · Northwestern · Southern A&M · ULM · McNeese · Nicholls · Grambling · LSU-S · Southern-NO · Delgado · BRCC · LSU-E · LSU-A · Southern-S · E. P. Nunez · River Parishes